In the claims:

1. (Currently Amended) A telecommunication control system for an interactive instruction network system comprising:

at least one host site comprising;

a presenter software interface displaying communication signals, comprising at least one instruction signal corresponding to a teleinstruction class, in a host compatible software language; and

a presentation server separate from said presenter software interface and modifying said communication signals by performing a plurality of presenter chosen tasks via said presenter software interface;

two or more bi-directional client adapters converting communication signals between said host compatible software language and two or more heterogeneous client type compatible software languages; and

one or more Internet data adapter(s) directing said communication signals between said presenter software interface and said two or more heterogeneous client types via one or more Internet protocols.

2. (Currently Amended) A system as in claim 1 wherein said communication signals comprise at least one of a presentation signal, ~~an instruction signal,~~ a client type signal, or a response signal.

3. (Original) A system as in claim 1 further comprising an Internet data adapter manager controlling transmission of said communication signals between said one or more Internet data adapters and said two or more bi-directional client adapters.

4. (Previously Presented) A system as in claim 1 wherein said one or more Internet data adapters comprise:

a first Internet data adaptor directing communication signals between said presenter software interface and a first heterogeneous client type; and

a second Internet data adaptor directing communication signals between presenter software interface and a second heterogeneous client type.

5. (Original) A system as in claim 1 wherein said one or more Internet protocols comprise at least one of a multicast transport, a unicast transport, a transmission control protocol, a low bandwidth protocol, point-to-point protocol, or a user datagram protocol.

6. (Currently Amended) An interactive instruction network system comprising:

two or more of heterogeneous client types at two or more remote sites;

a host site comprising;

a presenter hardware interface for communicating with said two or more heterogeneous client types a teleinstruction class; and

a controller comprising a telecommunication control system and electrically coupled to said presenter hardware interface and transmitting a plurality of presenter communication signals; and

a data communication transport electrically coupled to said two or more heterogeneous client types and said host site, said high-speed data communication transport providing said two or more heterogeneous client types access to said plurality of presenter communication signals and bi-directional teleinstruction class communication between said host site and said two or more heterogeneous client types.

7. (Original) A system as in claim 6 wherein said communication transport is an Internet.

8. (Original) A system as in claim 7 wherein said Internet is accessed through at least one of an Internet service provider, a network service

provider, a corporate modem bank, a digital subscriber line, a satellite system, or a cable television network.

9. (Previously Presented) A system as in claim 6 wherein said telecommunication control system comprises:

a presenter software interface displaying communication signals in a host compatible software language;

a presentation server coupled within said host site and modifying said communication signals by performing a plurality of presenter chosen tasks via said presenter software interface;

two or more bi-directional client adapters converting communication signals between said host compatible software language and two or more heterogeneous client type compatible languages; and

one or more Internet data adapter(s) directing said communication signals between said presenter software interface and said two or more heterogeneous client types via one or more Internet protocols.

10. (Original) A system as in claim 6 wherein a heterogeneous client type of said two or more client types is incorporated within an Intranet.

11. (Original) A system as in claim 6 wherein a heterogeneous client type of said two or more client types comprises a very small aperture terminal interface.

12. (Original) A system as in claim 6 wherein a heterogeneous client type of said two or more client types is incorporated within a Bluetooth network.

13. (Original) A system as in claim 6 wherein said two or more heterogeneous client types comprises two or more of a cellular phone, a computer, a personal digital assistant, a palm pilot, a scanner, a printer, a video camera, a telephone, or a facsimile machine.

14. (Original) A system as in claim 6 wherein a heterogeneous client type of said two or more client types comprises at least one of a microphone, a

keyboard, a mouse, a video monitor, a LCD screen, a 7-segment display, or a computer.

15. (Original) A system as in claim 6 wherein:

a heterogeneous client type of said two or more client types comprises a video camera generating a remote site communication signal; and

wherein said host site receives said remote site communication signal via said telecommunication control system.

16. (Original) A system as in claim 6 wherein a first client type is able to receive communication through said communication transport between said host site and a second client type.

17. (Currently Amended) A method of remote educational instruction over an interactive instruction network system comprising:

wirelessly broadcasting a plurality of presenter communication signals for a teleinstruction class and from ~~of~~ a presenter ~~from~~ at a host site;

establishing a ~~bi-directional~~ multi-directional communication connection between said host site and two or more heterogeneous client types via a communication transport;

receiving said presenter communication signals and client communication signals from at least one heterogeneous client type on said two or more heterogeneous client types; and

displaying or articulating at least one of said presenter communication signals on said two or more heterogeneous client types.

18. (Original) A method as in claim 17 further comprising:

generating and transmitting a plurality of remote site communication signals; and

receiving said plurality of remote site communication signals on a presenter interface at said host site.

19. (Original) A method as in claim 17 further comprising receiving communication between said host site and a first client type at a first remote site by a second client type at a second remote site.

20. (Currently Amended) A method of synchronizing and converting communication signals between a controller and heterogeneous client types within an interactive instruction network system, said method comprising:

displaying presenter communication signals with respect to a teleinstruction class on a presenter interface;

determining material received from clients to be displayed on each of a plurality of heterogeneous client types;

modifying said presenter communicational signals;

converting said presenter communication signals and said material between a host language and two or more heterogeneous client type languages;

time synchronizing the communication signals; and

displaying the presenter communication signals and said material on multiple learning media at multiple remote locations.